

Remarks

In response to the Office Action Dated May 6, 2003, Applicant elects the invention of group II, (claims 5-14 and 19-21, drawn to nucleic acids, vectors, host cells and nucleic acid molecular hybridization assays). Applicant further elects SEQ ID NO: 7.

Upon entry of this amendment, claims 50-68 will be pending. Claims 1-49 have been canceled and new claims 50-68 have been added herein. Support for new claims 50-53 and 58-68 can be found in originally filed claims 5, 8 and 9, and the specification at, *e.g.*, Table 1H on page 20; Table 1I on pages 21-23; and Table 67 on page 294. Support for new claim 54 can be found in originally filed claim 12. Support for new claim 55 can be found in originally filed claim 13. Support for new claim 56 can be found in originally filed claim 14. Support for new claim 57 can be found in originally filed claim 39. No new matter has been added.

Correction of inventorship under 37 CFR § 1.48(b).

Applicants have filed herewith a Petition and Amendment to Correct Inventorship Under 37 C.F.R. §1.48(b), which requests the deletion of the following persons who are not inventors of the invention being claimed in the instant application: Shlomit Edinger, Valerie Gerlach, John MacDougall, Uriel Malyankar, Glennda Smithson, Isabelle Millet, John Peyman, David Stone, Erik Gunther, Karen Ellerman, Richard Shinkets, Muralidhara Padigar, Meera Patturajan, Raymond Taupier, Catherine Burgess, Bryan Zerhusen, Ramesh Kekuda, Kimberly Spytek, Esha Gangolli, Elma Fernandes, and Linda Gorman. Following the instant amendment, Xiaojia Guo is the sole inventor of the invention being claimed in the instant application. The inventions of the remaining inventors are no longer being claimed in the instant application. Applicants also submit herewith the processing fee set forth in 37 C.F.R. §1.17(h).

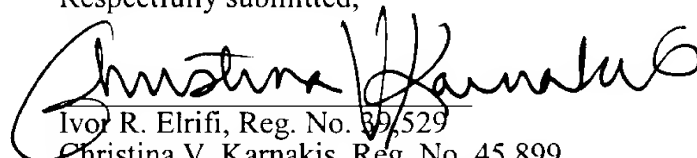
APPLICANTS: Edinger, et al.
U.S.S.N.: 09/981,151

CONCLUSION

On the basis of the foregoing amendments and remarks, Applicants respectfully submit that this paper is fully responsive and that the pending claims are in condition for allowance. Such action is respectfully requested. If there are any questions regarding these amendments and remarks, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

August 14, 2003

Respectfully submitted,



Ivor R. Elrifi, Reg. No. 39,529
Christina V. Karnakis, Reg. No. 45,899
MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241
Customer No. 30623

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